OIPE Q90 0411

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/985,936 ENTERED

CRF Processing Date: 4/23/2002
Edited by:
Verified by: _____ (STIC staff)

#9

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:

  _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

  _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

  _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

  _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:

  _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:

  _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☑ Inserted mandatory headings, specifically: Seq 5- extra 22207
- ☐ Corrected an obvious error in the response, specifically:

  _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:

  _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other:

  _____

  _____

  _____

  _____

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 04/23/2002
PATENT APPLICATION: US/09/985,936 TIME: 10:25:40

Input Set : N:\Crf3\04162002\I985936.raw
Output Set: N:\CRF3\04232002\I985936.raw

<110> APPLICANT: Stefan KAPPELER
Zakaria FARAH
Johannes Maarten van den BRINK
Henrik RAHBEK-NIELSEN
Peter BUDTZ
<120> TITLE OF INVENTION: Method of producing non-bovine chymosin
and use hereof
<130> FILE REFERENCE: KAPPELER=1A
<140> CURRENT APPLICATION NUMBER: US/09/985,936
<141> CURRENT FILING DATE: 2001-11-06
<150> PRIOR APPLICATION NUMBER: US 09/705,917
<151> PRIOR FILING DATE: 2000-11-06
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<170> SOFTWARE: FastSEQ for Windows Version 4.0
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<211> LENGTH: 34
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primer for PCR amplification
<400> SEQUENCE: 1
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<211> LENGTH: 34
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primer for PCR amplification
<400> SEQUENCE: 2
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<210> SEQ ID NO: 3
<211> LENGTH: 35
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Oligonucleotide primer for oligonucleotide-based
mutagenesis
<400> SEQUENCE: 3
gcgacggtga ctgacacgtg gcgggcagaa ataac 35
<210> SEQ ID NO: 4
<211> LENGTH: 35
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 04/23/2002
PATENT APPLICATION: US/09/985,936 TIME: 10:25:40

Input Set : N:\Crf3\04162002\I985936.raw
Output Set: N:\CRF3\04232002\I985936.raw

<220> FEATURE:
<223> OTHER INFORMATION: Oligonucleotide for oligonucleotide-based mutagenesis
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<213> ORGANISM: Artificial Sequence
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<220> FEATURE:
<221> NAME/KEY: VARIANT
<222> LOCATION: (8)..(8)
<223> OTHER INFORMATION: Xaa = nitrophenylalanine
<400> SEQUENCE: 5
His Pro His Pro His Leu Ser Xaa Met Ala Ile
1 5 10

<210> SEQ ID NO: 6
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<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Chymosin hydrolizes the peptide bond between nitrophenylalanine and Ile.
<220> FEATURE:
<221> NAME/KEY: VARIANT
<222> LOCATION: (8)..(8)
<223> OTHER INFORMATION: Xaa = nitrophenylalanine
<400> SEQUENCE: 6
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1 5 10

<210> SEQ ID NO: 7
<211> LENGTH: 4
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (4)..(4)
<223> OTHER INFORMATION: Xaa is Ser or Thr
<400> SEQUENCE: 7
Asp Thr Gly Xaa
1

OIPE

RAW SEQUENCE LISTING DATE: 04/16/2002
PATENT APPLICATION: US/09/985,936 TIME: 10:18:23

Input Set : A:\KAPPELER1A.txt
Output Set: N:\CRF3\04162002\I985936.raw

Does Not Comply
Corrected Diskette Needed
p.2 raw

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 4 <110> APPLICANT: Stefan KAPPELER
 5       Zakaria FARAH
 6       Johannes Maarten van den BRINK
 7       Henrik RAHBEK-NIELSEN
 8       Peter BUDTZ
10 <120> TITLE OF INVENTION: Method of producing non-bovine chymosin
11       and use hereof
13 <130> FILE REFERENCE: KAPPELER=1A
15 <140> CURRENT APPLICATION NUMBER: US 09/985,936
16 <141> CURRENT FILING DATE: 2001-11-06
18 <150> PRIOR APPLICATION NUMBER: US 09/705,917
19 <151> PRIOR FILING DATE: 2000-11-06
21 <160> NUMBER OF SEQ ID NOS: 7
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 34
27 <212> TYPE: DNA
C--> 28 <213> ORGANISM: Artifical Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Primer for PCR amplification
33 <400> SEQUENCE: 1
34 cacgtggcgg agtgggatca ccaggatccc tctg                                  34
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37 <211> LENGTH: 34
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Primer for PCR amplification
44 <400> SEQUENCE: 2
45 tctagaggat cagatggcct tggccagccc cacg                                  34
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 35
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Oligonucleotide primer for oligonucleotide-based
54       mutagenesis
56 <400> SEQUENCE: 3
57 gcgacggtga ctgacacgtg gcgggcagaa ataac                                 35
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 35
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING DATE: 04/16/2002
PATENT APPLICATION: US/09/985,936 TIME: 10:18:23

Input Set : A:\KAPPELER1A.txt
Output Set: N:\CRF3\04162002\I985936.raw

64 <220> FEATURE:
65 <223> OTHER INFORMATION: Oligonucleotide for oligonucleotide-based
66 mutagenesis
68 <400> SEQUENCE: 4
69 gttatttctg cccgccacgt gtcagtcacc gtcgc 35
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 11
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Chymosin hydrolizes the peptide bond between
78 nitrophenylalanine and Met.
80 <220> FEATURE (<220>) delete
81 <221> NAME/KEY: VARIANT
82 <222> LOCATION: (8)..(8)
83 <223> OTHER INFORMATION: Xaa = nitrophenylalanine
85 <400> SEQUENCE: 5
86 **His Pro His Pro His Leu Ser Xaa Met Ala Ile**
87 1 5 10
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 11
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Chymosin hydrolizes the peptide bond between
97 nitrophenylalanine and Ile.
99 <220> FEATURE:
100 <221> NAME/KEY: VARIANT
101 <222> LOCATION: (8)..(8)
102 <223> OTHER INFORMATION: Xaa = nitrophenylalanine
104 <400> SEQUENCE: 6
105 **Arg Pro Arg Pro Arg Pro Ser Xaa Ile Ala Ile**
106 1 5 10
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 4
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: synthetic
117 <220> FEATURE:
118 <221> NAME/KEY: misc_feature
119 <222> LOCATION: (4)..(4)
120 <223> OTHER INFORMATION: Xaa is Ser or Thr
122 <400> SEQUENCE: 7
123 **Asp Thr Gly Xaa**
124 1